

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) Telecommunication system ~~comprising at least including a Radio Controlling Entity, a first mobile terminal and a second mobile terminal, comprising:~~

~~a first~~ first rate controlling means (112) residing in ~~a said~~ Radio Controlling Entity, RCE, (114) ~~arranged for controlling bit rates of a first radio link to a first~~ said first mobile terminal; ~~terminal (110),~~

~~a second~~ second rate controlling means (112) arranged for controlling bit rates of a second radio link to said second mobile terminal; ~~a second terminal (110),~~

~~a first negotiating means and second negotiating means, is characterised in that wherein the first rate controlling means (112) further comprises means for notifying the second rate controlling means (112) about a change of the bit rates of said first radio link; link,~~

~~the first negotiating means and the second negotiating means comprise means for negotiating a corresponding change to the bit rate of the second radio link layer bit rate,; and~~

the first and the second rate controlling means (112) further comprise means for notifying their respective mobile terminals ~~(110)~~ to modify their application layer bit rates accordingly in accordance with said negotiated bit rate.

2. (Currently Amended) System according to claim 1, wherein said second rate controlling means resides within the same radio Controlling Entity RCE (114) as the first radio controlling means.

3. (Currently Amended) System according to ~~any of claims 1-2~~ claim 1, wherein the first rate controlling means comprises the ~~first~~-negotiating means and the second rate controlling means comprises ~~the~~ a second negotiating means.

4. (Currently Amended) System according to ~~any of claims 1-2~~ claim 1, wherein the ~~first and second negotiating means are~~ negotiating means is located in an intermediate node within said telecommunication system.

5. (Currently Amended) System according to ~~any of claims 1-4~~ claim 1, wherein the first rate controlling means comprises means for notifying the second rate controlling means by means of any of the parameters IP-address, port number and/or rate control identity of the second terminal (110).

6. (Currently Amended) System according to ~~any of claims 1-5~~ claim 1, wherein the rate controlling means comprises means for sniffing the an IP/UDP/TCP/HTTP header in a data flow.

7. (Currently Amended) System according to ~~any of claims 1-6~~ claim 1, wherein the first mobile terminal (~~UE-A~~) comprises means for passing any of the parameters IP address, port number and/or rate control identity of the second mobile terminal (~~UE-B~~) to the first rate controlling means (412) during a service ~~set-up~~ set-up.

8. (Currently Amended) System according to ~~any of claims 1-7~~ claim 1, wherein the telecommunication system comprises a Universal Mobile Telephony System, UMTS and/or a General Packet Radio Service (GPRS) System, and/or a WLAN system.

9. (Currently Amended) Method in a telecommunication system, ~~wherein the system comprises at least including~~ a first rate controlling means residing in a Radio Controlling Entity, ~~RCE, for~~ controlling bit rates of a first radio link to a first mobile terminal, a second rate controlling means for controlling bit rates of a second link to a second terminal, wherein said first rate controlling means is associated with a first negotiating means and said second rate controlling means is associated with a second negotiating means ~~a first and second negotiating means, said method is characterised in that it comprises comprising~~ the steps of :

detecting a change of the bit rates of said first radio link with said first mobile terminal;

notifying (~~401~~) the second rate controlling means about a change said change of the bit rates of said first radio link,

negotiating ~~(402)~~ a corresponding change of the bit rate of said second link layer
~~bit rate~~ between the first and second negotiating means, and

notifying ~~(403)~~ the first mobile terminal and second terminal ~~mobile terminals~~ to
modify their application layer bit rates ~~accordingly~~ in accordance with said negotiated bit
rate.

10. (Currently Amended) Method according to claim 9, wherein said second
rate controlling means resides within the same Radio Controlling Entity RCE ~~(114)~~ as
the first radio controlling means.

11. (Currently Amended) Method according to ~~any of claims 9-10~~ claim 9,
wherein the first rate controlling means comprises the first negotiating means and the
second rate controlling means comprises the second negotiating means.

12. (Currently Amended) Method according to ~~any of claims 9-10~~ claim 9,
wherein the ~~first and second negotiating means are located in~~ step of negotiation is
performed by an intermediate node.

13. (Currently Amended) Method according to ~~any of claims 9-12~~ claim 9,
wherein the ~~first notifying step (401)~~ step of notifying said second rate controlling means
is performed by means of any of the parameters IP-address, port number and/or rate
control identity of the second terminal ~~(110)~~.

14. (Currently Amended) Method according to claim 13, ~~wherein the method comprises~~ further comprising the step of:

sniffing ~~the~~ an IP/UDP/TCP/HTTP header in a data flow in order to obtain any of the parameters the IP-address, port number and/or rate control identity of the second terminal (110).

15. (Currently Amended) Method according to claim 13, ~~wherein the method comprises the~~ comprising further step of :

passing any of the parameters IP address, port number and/or rate control identity of the second terminal (~~UE-B~~) to the first rate controlling means (112) during a service ~~set-up~~ set-up.

16. (Currently Amended) Method according to ~~any of claims 9-15~~ claim 9, wherein the telecommunication system comprises a Universal Mobile Telephony System, UMTS and/or a General Packet Radio Service (GPRS) System, and/or a WLAN system.

17-18. (Cancelled)

19. (Currently Amended) A rate controlling means (~~112~~) residing in a Radio Controlling Entity, ~~RCE (114)~~, in a telecommunication system including a first mobile terminal and a second mobile terminal comprising:

means for controlling bit rates of a first radio link to ~~a first~~ said first mobile terminal (110), said rate controlling means ~~is characterised in that it further~~ comprises means for notifying a second rate controlling means controlling bit rates of a second radio link to ~~a second~~ said second mobile terminal (110) ~~about~~ in response to a change of the bit rates of said first radio link, ~~link~~, link;

a first and second negotiating means for negotiating a corresponding change of the bit rate of said second radio link for said second mobile terminal;

means for receiving a result from said negotiation means; ~~a negotiation, between a first and second negotiating means, of a corresponding change of the second link layer bit rate, and~~

means for notifying the first mobile terminal to modify its application layer bit rates ~~accordingly~~ in accordance with said negotiated bit rate.

20. (Currently Amended) A rate controlling means (112) according to claim 19, wherein said first negotiating means is located in the rate controlling means.

21. (New) A rate controlling means according to claim 19 wherein said means for notifying said second rate controlling means uses any of the parameter IP address, port number and/or rate control identity of the second mobile terminal.

22. (New) A rate controlling means according to claim 19 further comprises means for sniffing an IP/UDP/TCP/HTTP header in a data flow.